٢	L Number	Hits	Search Text	DB	Time stamp
r	1	9	("6403203" "5750270" "4687712" "6468670").pn.	USPAT;	2003/04/01 12:37
				US-PGPUB;	
				EPO; JPO;	
				DERWENT;	
	2	4	("6403203" "5750270" "4687712" "6468670").pn.	USPAT	2003/04/01 12:36
	3	201701	(magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:38
			media)).ti,ab,clm.	US-PGPUB;	
1				EPO; JPO;	
				DERWENT;	
	,	7787	//magnetic adi /recording madium diak disa tana ribban	IBM_TDB USPAT;	2002/04/04 42:20
١	4	1101	((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	2003/04/01 12:39
			(anisotropy magnetization easy recording))	EPO; JPO;	
			(amost spy magnotical only rootically)	DERWENT;	
			4	IBM_TDB	
	5	364	(((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:41
			media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
			(anisotropy magnetization easy recording))) and	EPO; JPO;	
			(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
	6	2262	(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)) (((magnetic adj (recording medium disk disc tape ribbon	IBM_TDB USPAT;	2003/04/01 12:42
	-	2202	media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	2000/07/01 12.42
			(anisotropy magnetization easy recording))) and (soft keeper	EPO; JPO;	
			Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1AI\$1Si Fe\$1Si\$1AI)	DERWENT;	
	_			IBM_TDB	
	7	999	(((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:42
			media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir	US-PGPUB; EPO; JPO;	
ı			ruthenium)	DERWENT;	
			Taxionany	IBM_TDB	
	8	218	((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:43
			media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
1			(anisotropy magnetization easy recording))) and	EPO; JPO;	
			(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
			(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and ((((magnetic adj (recording medium disk disc tape ribbon	IBM_TDB	
			media)).ti,ab,clm.) and ((perpendicular vertical) near4		
			(anisotropy magnetization easy recording))) and (soft keeper		
			Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
İ			and ((((magnetic adj (recording medium disk disc tape ribbon		
۱			media)).ti,ab,clm.) and ((perpendicular vertical) near4		
			(anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))		
	9	107	(((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:56
			media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
			(anisotropy magnetization easy recording))) and	EPO; JPO;	
			(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
			(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
			and ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4		
			(anisotropy magnetization easy recording))) and (soft keeper		
			Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
			and ((((magnetic adj (recording medium disk disc tape ribbon		
			media)).ti,ab,clm.) and ((perpendicular vertical) near4		
			(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
			ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
	10	226	magneto\$1resistive).ti. ((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:55
		220	((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	2003/04/01 12:35
			(anisotropy magnetization easy recording))) and	EPO; JPO;	
			(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
		ĺ	(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
			and ((((magnetic adj (recording medium disk disc tape ribbon		
			media)).ti,ab,clm.) and ((perpendicular vertical) near4		
			(anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))		
L			[Tautomani))	1	

11	119	(((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:55
		media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
		(anisotropy magnetization easy recording))) and	EPO; JPO;	
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not ((((((magnetic adj (recording medium disk		
		disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
1		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
	-	and ((((magnetic adj (recording medium disk disc tape ribbon		
	ŧ	media)).ti,ab,clm.) and ((perpendicular vertical) near4		
Ì	-	(anisotropy magnetization easy recording))) and (soft keeper		
	-	Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
	1	media)).ti,ab,clm.) and ((perpendicular vertical) near4		
	i	(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.)		
12	52	((((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:57
		media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
		(anisotropy magnetization easy recording))) and	EPO; JPO;	
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk		
		disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
1		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
1		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.)) not (magneto\$1resistive\$1 (magnetic		
		adj head) (tunnel adj junction)).ti.		

13	6	((((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetistical adj vertical) near4 (anisotropy magnetistical) and ((perpendicular vertical)) and ((perpendicular vertical)) and (perpendicular vertical)) and (perpendicular vertical) near4 (anisotropy magnetistical) and (perpendicul	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:57
		(anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		•
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)) not (magneto\$1resistive\$1 (magnetic		
		adj head) (tunnel adj junction)).ti.) not (spin\$1valve (spin adj		
14	138	valve) GMR AMR magneto\$1resistive).ti. ((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:56
		media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
		(anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	EPO; JPO; DERWENT;	
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
		not (((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and		
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.) (((((magnetic adj (recording medium		
		disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (((((magnetic adj (recording medium disk		
		disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper		
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.)))		

15	87	(((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:57
13	0,	media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB:	2003/04/01 12.57
		(anisotropy magnetization easy recording))) and	EPO; JPO;	
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT:	
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
	}	not (((((((magnetic adj (recording medium disk disc tape ribbon	1014-100	
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and		
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		ĺ
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.) ((((((magnetic adj (recording medium		
		disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		İ
		ruthenium))) not ((((((magnetic adj (recording medium disk		
		disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		,
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		ĺ
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.)))) not (magneto\$1resistive\$1		
		(magnetic adj head) (tunnel adj junction)).ti.		

17	79	((((((magnetic adj (recording medium disk disc tape ribbon	USPAT;	2003/04/01 12:57
		media)).ti,ab,clm.) and ((perpendicular vertical) near4	US-PGPUB;	
		(anisotropy magnetization easy recording))) and	EPO; JPO;	
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)	DERWENT;	
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	IBM_TDB	
		not (((((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and		
		(anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
1		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		
j		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.) (((((magnetic adj (recording medium		
		disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
		vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not ((((((magnetic adj (recording medium disk		
		disc tape ribbon media)).ti,ab,clm.) and ((perpendicular		
	Ì	vertical) near4 (anisotropy magnetization easy recording)))		
		and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2)		
		(anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (soft keeper		
		Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))		
		and ((((magnetic adj (recording medium disk disc tape ribbon		
		media)).ti,ab,clm.) and ((perpendicular vertical) near4		
		(anisotropy magnetization easy recording))) and (Ru Rh Re Ir		
		ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR		
		magneto\$1resistive).ti.)))) not (magneto\$1resistive\$1		
		(magnetic adj head) (tunnel adj junction)).ti.) not (spin\$1valve		
		(spin adj valve) GMR AMR magneto\$1resistive).ti.		
	L	1 (op.i. asj fairo) Chii (fair (filagilotoy filosistivo).ti.	L	